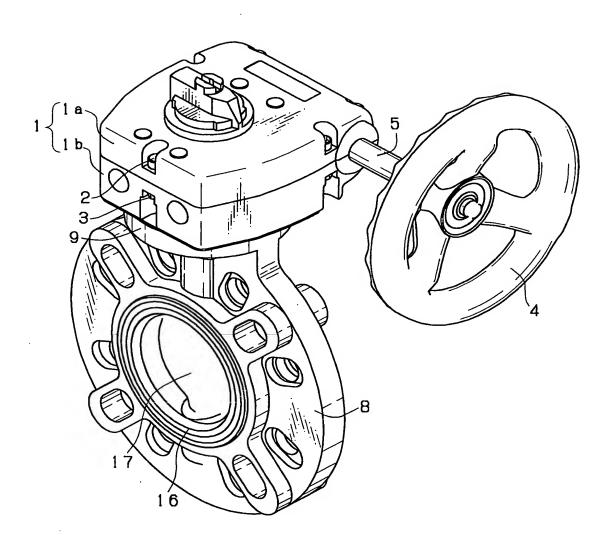
APPLN. FILING DATE: APRIL 10, 2006
TILE: RESIN MEMBER FÖR VALVE
INVENTOR(S): HIROKI YAMADA ET AL.
ATTY. DKT. NO.: 1001560-000594 SH

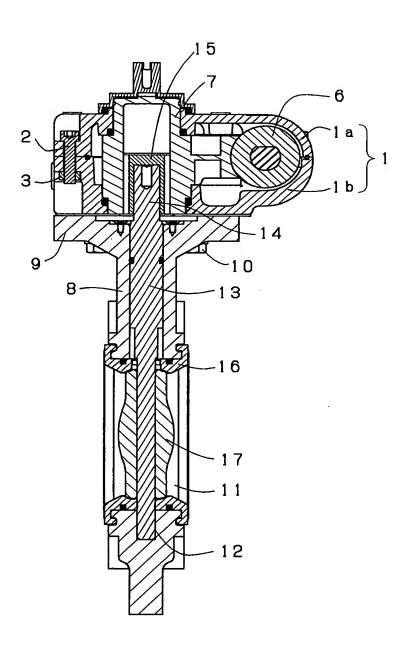
SHEET 1 OF 11

Fig.1



APPLN. FILING DATE: APRIL 10, 2006
TITLE: RESIN MEMBER FOR VALVE
INVENTOR(S): HIROKI YAMADA ET AL.
ATTY. DKT. NO.: 1001560-000594 SHEET 2 OF 11

Fig.2



"APPLN. FILING DATE: APRIL 10, 2006 TITLE: RESIN MEMBER FOR VALVE INVENTOR(S): HIROKI YAMADA ET AL. ATTY. DKT. NO.: 1001560-000594 SH **SHEET 3 OF 11**

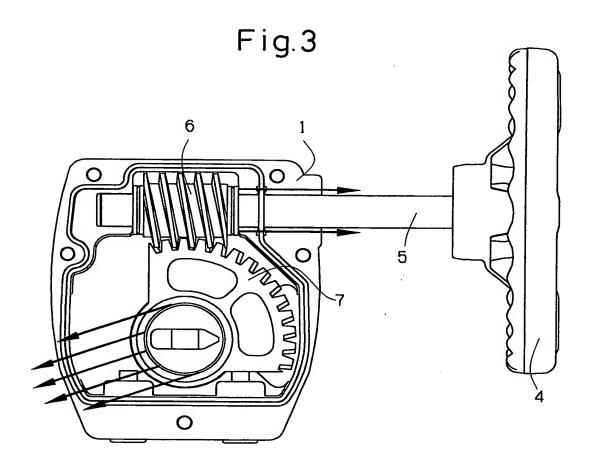
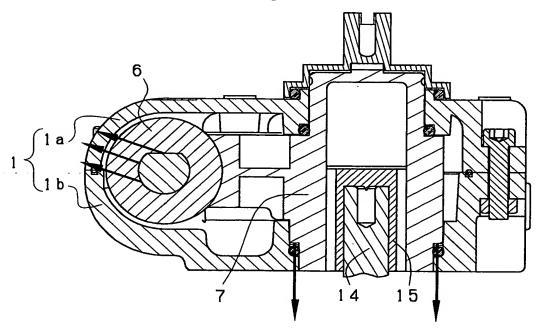


Fig.4



APPLN. FILING DATE: .APRIL 10, 2006
TITLE: RESIN MEMBER FOR VALVE
INVENTOR(S): HIROKI YAMADA ET AL.
ATTY. DKT. NO.: 1001560-000594 SHEET 4 OF 11

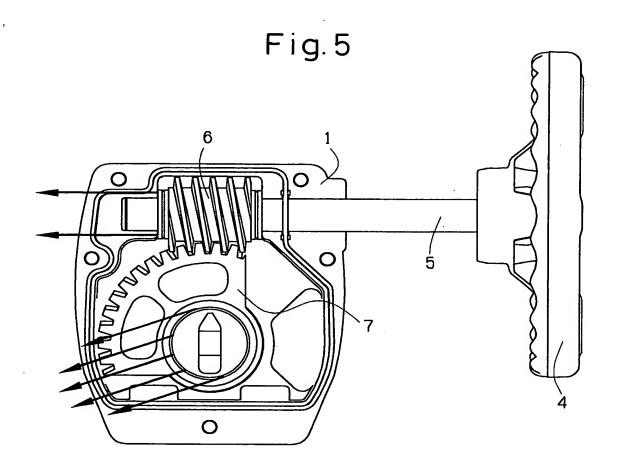
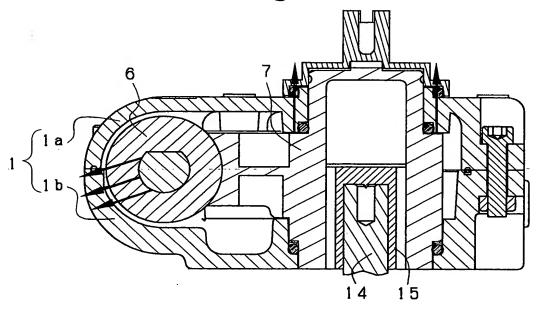


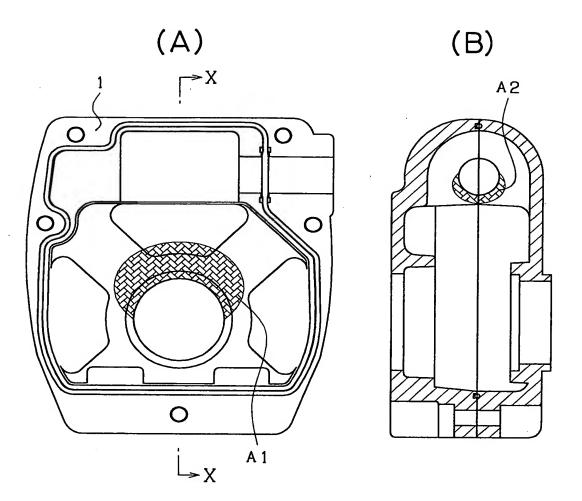
Fig.6



APPLN. FILING DATE: APRIL 10; 2006
TITLE: RESIN MEMBER FOR VALVE
INVENTOR(S): HIROKI YAMADA ET AL.
ATTY. DKT. NO.: 1001560-000594 SH

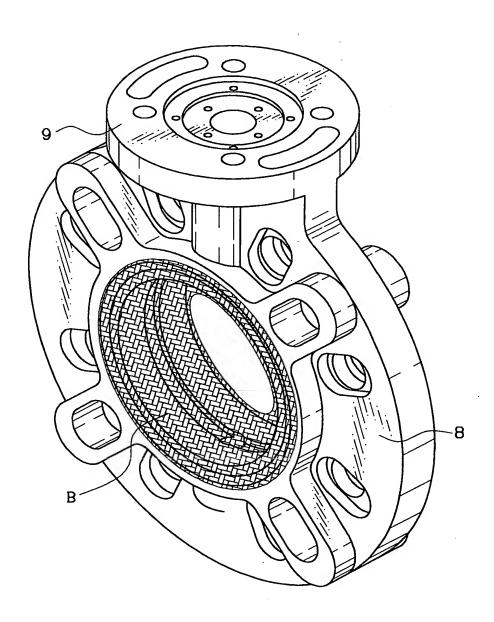
SHEET 5 OF 11

Fig.7



APPLN. FILING DATE: APRIL 10, 2006
TITLE: RESIN MEMBER FOR VALVE
INVENTOR(S): HIROKI YAMADA ET AL.
ATTY. DKT. NO.: 1001560-000594 SHEET 6 OF 11

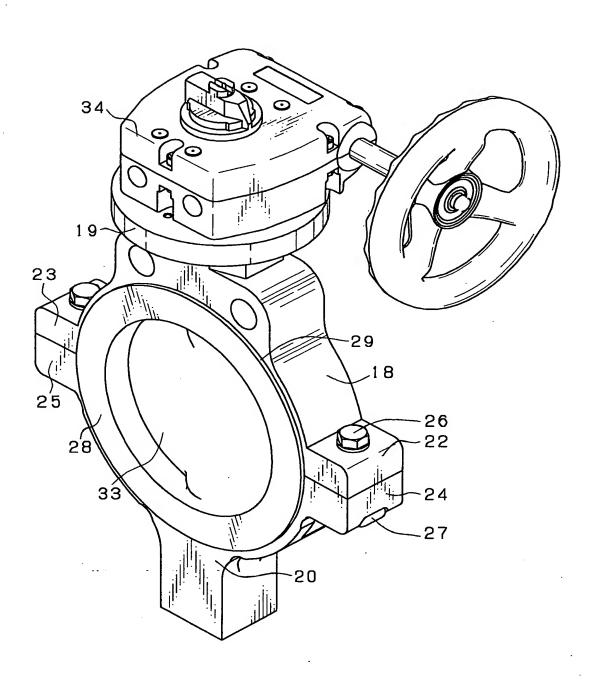
Fig. 8



APPLN. FILING DATE: APRIL 10, 2006 TITLE: RESIN MEMBER FOR VALVE INVENTOR(S): HIROKI YAMADA ET AL. ATTY. DKT. NO.: 1001560-000594 SH

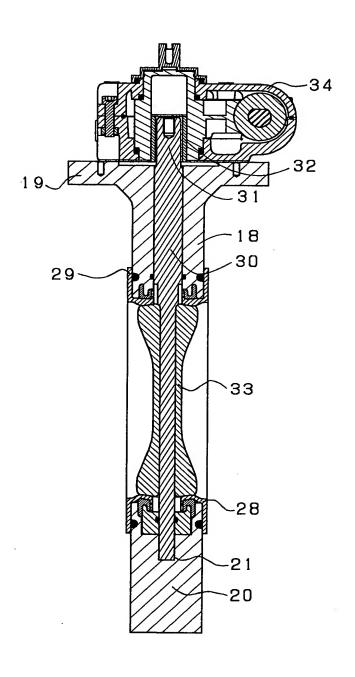
SHEET 7 OF 11

Fig.9



APPLN. FILING DATE: APRIL 10, 2006
TITLE: RESIN MEMBER FOR VALVE
INVENTOR(S): HIROKI YAMADA ET AL.
ATTY. DKT. NO.: 1001560-000594 SHEET 8 OF 11

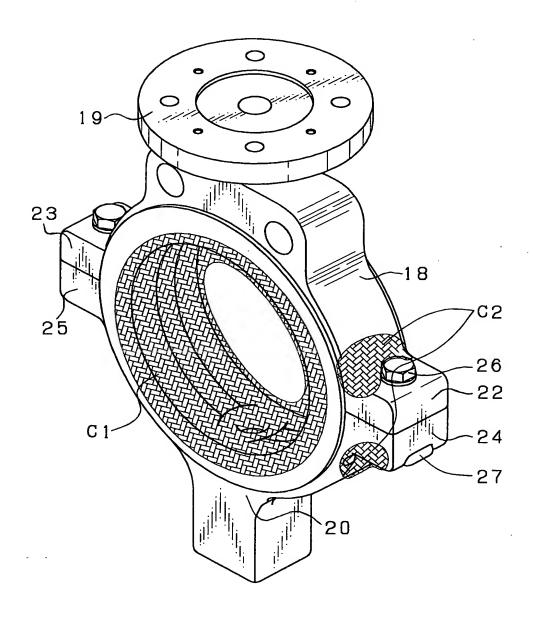
Fig.10



APPLN. FILING DATE: APRIL 10, 2006 TITLE: RESIN MEMBER FOR VALVE INVENTOR(S): HIROKI YAMADA ET AL. ATTY. DKT. NO.: 1001560-000594 SH

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Fig.11



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Explanation of Letters or Numerals

- 1 Casing
- Bolt 2
- 3 Nut
- 4 Handle
- 5 Shaft
- 6 Worm
- 7 Worm wheel
- 8 Valve body
- 9 Top flange
- 10 Bolt
- 11 Flow passage
- 12 Bearing recess
- 13 Stem
- 14 Reduced diameter section
- 15 Stem bush
- 16 Seat ring
- 17 Valve disc
- 18 Upper valve body
- 19 Top flange
- 20 Lower valve body
- 21 Bearing recess
- 22 Protrusion
- 23 Protrusion
- 24 Protrusion
- 25 Protrusion
- 26 Bolt

APPLN. FILING. DATE: APRIL 10, 2006
TITLE: RESIN MEMBER FOR VALVE
INVENTOR(S): HIROKI YAMADA ET AL.
ATTY. DKT. NO.: 1001560-000594 SHEET 11 OF 11

- 27 Nut
- 28 Seat ring
- 29 Collar
- 30 Stem
- 31 Reduced diameter section
- 32 Stem bush
- 33 Valve disc
- 34 Casing
- A1, A2, B, C1, C2 Stress concentration region